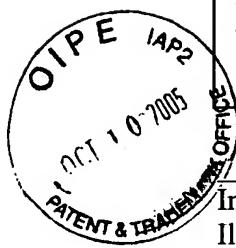
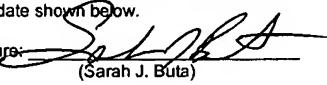


10-12-05

BJW



I hereby certify that this correspondence is being deposited with the U.S. Postal Service as Express Mail, Airbill No. EV736100234US, in an envelope addressed to: Filing Receipt Corrections, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on the date shown below.

Dated: October 11, 2005      Signature:   
(Sarah J. Buta)

Docket No.: 09669/054001  
(PATENT)

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of:  
Ilan Mahalal

Application No.: 10/526,206

Confirmation No.: 7470

Filed: March 4, 2005

Art Unit: 2161

For: **METHOD FOR CALCULATING HASHING  
OF A MESSAGE IN A DEVICE  
COMMUNICATING WITH A SMART CARD**

Examiner: Not Yet Assigned

### **REQUEST FOR CORRECTED FILING RECEIPT**

Filing Receipt Corrections  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

Applicant hereby requests that a corrected Filing Receipt be issued in the above-identified patent application. The official Filing Receipt received by Applicant, a copy of which is attached hereto, has an error in the title. Applicant respectfully requests that the title on the official Filing Receipt be changed from "Method for calculating hashing of a message in a device communicating with a smart card" to -- **Method for calculating hashing of a message in a device communicating with a smart card** -- as shown in the enclosed copy of:

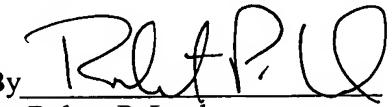
- 1) the application cover sheet which shows the correct title of the application;
- 2) the application data sheet which shows the correct title of the application; and
- 3) the declaration and power of attorney which shows the correct title of the application.

Applicant additionally requests that all pertinent U.S. Patent and Trademark Office records relating to the subject application be changed to reflect this correction.

Applicant believes no fee is due with this request. However, if a fee is due, please charge our Deposit Account No. 50-0591, under Order No. 09669/054001.

Dated: October 11, 2005

Respectfully submitted,

By   
Robert P. Lord  
Registration No.: 46,479  
OSHA · LIANG LLP  
1221 McKinney St., Suite 2800  
Houston, Texas 77010  
(713) 228-8600  
(713) 228-8778 (Fax)



RECEIVED

AUG 29 2005

UNITED STATES PATENT AND TRADEMARK OFFICE

OSHA LIANG LLP

Page 1 of 3

UNITED STATES DEPARTMENT OF COMMERCE  
United States Patent and Trademark Office  
Address: COMMISSIONER FOR PATENTS  
P.O. Box 1450  
Alexandria, Virginia 22313-1450  
www.uspto.gov

APPL NO.	FILING OR 371 (c) DATE	ART UNIT	FIL FEE REC'D	ATTY.DOCKET NO	DRAWINGS	TOT CLMS	IND CLMS
10/526,206	03/04/2005	2161	900	09669-054001	2	6	3

22511  
OSHA LIANG LLP.  
1221 MCKINNEY STREET  
SUITE 2800  
HOUSTON, TX 77010

Docketing	
Action:	RPL. Conned OFR
Base Date:	08/25/05
Due Date:	10/25/05
Deadline:	10/25/05
Initials:	PD
Atty./Sec. Initials:	

CONFIRMATION NO. 7470

FILING RECEIPT

\*OC000000016850522\*

\*OC000000016850522\*

Date Mailed: 08/25/2005

Receipt is acknowledged of this regular Patent Application. It will be considered in its order and you will be notified as to the results of the examination. Be sure to provide the U.S. APPLICATION NUMBER, FILING DATE, NAME OF APPLICANT, and TITLE OF INVENTION when inquiring about this application. Fees transmitted by check or draft are subject to collection. Please verify the accuracy of the data presented on this receipt. If an error is noted on this Filing Receipt, please mail to the Commissioner for Patents P.O. Box 1450 Alexandria Va 22313-1450. Please provide a copy of this Filing Receipt with the changes noted thereon. If you received a "Notice to File Missing Parts" for this application, please submit any corrections to this Filing Receipt with your reply to the Notice. When the USPTO processes the reply to the Notice, the USPTO will generate another Filing Receipt incorporating the requested corrections (if appropriate).

#### Applicant(s)

Ilan Mahalal, Paris, FRANCE;

Power of Attorney: The patent practitioners associated with Customer Number 22511.

#### Domestic Priority data as claimed by applicant

This application is a 371 of PCT/IB03/03577 08/28/2003

#### Foreign Applications

EUROPEAN PATENT OFFICE (EPO) 02292180.3 09/04/2002

Projected Publication Date: 12/01/2005

Non-Publication Request: No

Early Publication Request: No

#### Title

Method for calculating hashing of a message in a devicecommunicating with a smart card

**Preliminary Class**

707

**PROTECTING YOUR INVENTION OUTSIDE THE UNITED STATES**

Since the rights granted by a U.S. patent extend only throughout the territory of the United States and have no effect in a foreign country, an inventor who wishes patent protection in another country must apply for a patent in a specific country or in regional patent offices. Applicants may wish to consider the filing of an international application under the Patent Cooperation Treaty (PCT). An international (PCT) application generally has the same effect as a regular national patent application in each PCT-member country. The PCT process simplifies the filing of patent applications on the same invention in member countries, but **does not result** in a grant of "an international patent" and does not eliminate the need of applicants to file additional documents and fees in countries where patent protection is desired.

Almost every country has its own patent law, and a person desiring a patent in a particular country must make an application for patent in that country in accordance with its particular laws. Since the laws of many countries differ in various respects from the patent law of the United States, applicants are advised to seek guidance from specific foreign countries to ensure that patent rights are not lost prematurely.

Applicants also are advised that in the case of inventions made in the United States, the Director of the USPTO must issue a license before applicants can apply for a patent in a foreign country. The filing of a U.S. patent application serves as a request for a foreign filing license. The application's filing receipt contains further information and guidance as to the status of applicant's license for foreign filing.

Applicants may wish to consult the USPTO booklet, "General Information Concerning Patents" (specifically, the section entitled "Treaties and Foreign Patents") for more information on timeframes and deadlines for filing foreign patent applications. The guide is available either by contacting the USPTO Contact Center at 800-786-9199, or it can be viewed on the USPTO website at <http://www.uspto.gov/web/offices/pac/doc/general/index.html>.

For information on preventing theft of your intellectual property (patents, trademarks and copyrights), you may wish to consult the U.S. Government website, <http://www.stopfakes.gov>. Part of a Department of Commerce initiative, this website includes self-help "toolkits" giving innovators guidance on how to protect intellectual property in specific countries such as China, Korea and Mexico. For questions regarding patent enforcement issues, applicants may call the U.S. Government hotline at 1-866-999-HALT (1-866-999-4158).

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**LICENSE FOR FOREIGN FILING UNDER  
Title 35, United States Code, Section 184  
Title 37, Code of Federal Regulations, 5.11 & 5.15**

**GRANTED**

The applicant has been granted a license under 35 U.S.C. 184, if the phrase "IF REQUIRED, FOREIGN FILING LICENSE GRANTED" followed by a date appears on this form. Such licenses are issued in all applications where the conditions for issuance of a license have been met, regardless of whether or not a license may be required as set forth in 37 CFR 5.15. The scope and limitations of this license are set forth in 37 CFR 5.15(a) unless an earlier license has been issued under 37 CFR 5.15(b). The license is subject to revocation upon written notification. The date indicated is the effective date of the license, unless an earlier license of similar scope has been granted under 37 CFR 5.13 or 5.14.

This license is to be retained by the licensee and may be used at any time on or after the effective date thereof unless it is revoked. This license is automatically transferred to any related applications(s) filed under 37 CFR 1.53(d). This license is not retroactive.

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matter as imposed by any Government contract or the provisions of existing laws relating to espionage and the national security or the export of technical data. Licensees should apprise themselves of current regulations especially with respect to certain countries, of other agencies, particularly the Office of Defense Trade Controls, Department of State (with respect to Arms, Munitions and Implements of War (22 CFR 121-128)); the Office of Export Administration, Department of Commerce (15 CFR 370.10 (j)); the Office of Foreign Assets Control, Department of Treasury (31 CFR Parts 500+) and the Department of Energy.

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No license under 35 U.S.C. 184 has been granted at this time, if the phrase "IF REQUIRED, FOREIGN FILING LICENSE GRANTED" DOES NOT appear on this form. Applicant may still petition for a license under 37 CFR 5.12, if a license is desired before the expiration of 6 months from the filing date of the application. If 6 months has lapsed from the filing date of this application and the licensee has not received any indication of a secrecy order under 35 U.S.C. 181, the licensee may foreign file the application pursuant to 37 CFR 5.15(b).

**APPLICATION  
FOR  
UNITED STATES LETTERS PATENT**

**TITLE: METHOD FOR CALCULATING HASHING OF A  
MESSAGE IN A DEVICE COMMUNICATING WITH A  
SMART CARD**

**APPLICANT: Ilan MAHALAL**

**22511**  
PATENT TRADEMARK OFFICE

“EXPRESS MAIL” Label No.: EV535679879US  
Date of Deposit: March 4, 2005

## Application Data Sheet

22511

PATENT TRADEMARK OFFICE

### **Application Information**

Application Type::	Regular
Subject Matter::	Utility
Suggested Group Art Unit::	N/A
CD-ROM or CD-R?::	None
Sequence submission?::	None
Computer Readable Form (CRF)?::	No
Title::	METHOD FOR CALCULATING HASHING OF A MESSAGE IN A DEVICE COMMUNICATING WITH A SMART CARD
Attorney Docket Number::	09669/054001
Request for Early Publication?::	No
Request for Non-Publication?::	No
Suggested Drawing Figure::	1
Total Drawing Sheets::	2
Small Entity?::	No
Petition included?::	No
Secrecy Order in Parent Appl.?::	No

### **Applicant Information**

Applicant Authority Type::	Inventor
Primary Citizenship Country::	France
Status::	Full Capacity
Given Name::	Ilan
Family Name::	Mahalal
City of Residence::	Paris
Country of Residence::	France
Street of mailing address::	16, avenue de Bouvines
City of mailing address::	Paris
Country of mailing address::	France

Postal or Zip Code of mailing address:: F-75011

**Correspondence Information**

Correspondence Customer Number:: 22511

**Representative Information**

Representative Customer Number:: 22511

**Domestic Priority Information**

Application::	Continuity Type::	Parent Application::	Parent Filing Date::
This Application	National Stage of	PCT/IB2003/003577	08/28/03

**Foreign Priority Information**

Country::	Application number::	Filing Date::	Priority Claimed::
European Patent Office	EP02292180.3	09/04/02	Yes

**Assignee Information**

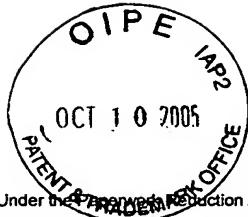
Assignee name:: AXALTO SA

Street of mailing address:: 50, avenue Jean Jaurès

City of mailing address:: Montrouge

Country of mailing address:: France

Postal or Zip Code of mailing address:: 92120



Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

PTO/SB/105 (2-98)

Approved for use through 9/30/98. OMB 0651-0032  
Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

## Declaration and Power of Attorney for Patent Application

### Déclaration et Pouvoirs pour Demande de Brevet

#### French Language Declaration

22511

PATENT TRADEMARK OFFICE

En tant que l'inventeur nommé ci-après, je déclare par le présent acte que:

Mon domicile, mon adresse postale et ma nationalité sont ceux figurant ci-dessous à côté de mon nom.

Je crois être le premier inventeur original et unique (si un seul nom est mentionné ci-dessous), ou l'un des premiers co-inventeurs originaux (si plusieurs noms sont mentionnés ci-dessous) de l'objet revendiqué, pour lequel une demande de brevet a été déposée concernant l'invention intitulée

METHOD FOR CALCULATING HASHING OF A MESSAGE IN A DEVICE COMMUNICATING WITH A SMART CARD

et dont la description est fournie ci-joint à moins que la case suivante n'ait été cochée:

A été déposée le 28 August 2003  
sous le numéro de demande des Etats-Unis ou le  
numéro de demande international PCT  
PCT/IB2003/003577 et modifiée le  
\_\_\_\_\_ (le cas échéant).

Je déclare par le présent acte avoir passé en revue et compris le contenu de la description ci-dessus, revendications comprises, telles que modifiées par toute modification dont il aura été fait référence ci-dessus.

Je reconnaiss devoir divulguer toute information pertinente à la brevetabilité comme défini dans le Titre 37, § 1.56 du Code fédéral des réglementations.

As a below named inventor, I hereby declare that:

My residence, post office address, and citizenship are as stated next to my name.

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled

METHOD FOR CALCULATING HASHING OF A MESSAGE IN A DEVICE COMMUNICATING WITH A SMART CARD

the specification of which is attached hereto unless the following box is checked:

was filed on 28 August 2003  
as United States Application Number or  
PCT International Application Number  
PCT/IB2003/003577 and was amended on  
\_\_\_\_\_ (if applicable).

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to patentability as defined in Title 37, Code of Federal Regulations, § 1.56.

**French Language Declaration**

Je revendique par le présent acte avoir la priorité étrangère, en vertu du Titre 35, § 119(a)-(d) ou § 365(b) du Code des Etats-Unis, sur toute demande étrangère de brevet ou certificat d'inventeur ou, en vertu du Titre 35, § 365(a) du même Code, sur toute demande internationale PCT désignant au moins un pays autre que les Etats-Unis et figurant ci-dessous et, en cochant la case, j'ai aussi indiqué ci-dessous toute demande étrangère de brevet, tout certificat d'inventeur ou toute demande internationale PCT ayant une date de dépôt précédant celle de la demande à propos de laquelle une priorité est revendiquée.

Prior Foreign Application(s)  
Demande(s) de brevet antérieure(s)

02292180.3  
(Number)  
(Numéro)

Europe  
(Country)  
(Pays)

4 September 2002  
(Day/Month/Year Filed)  
(Jour/Mois/Année de dépôt)



\_\_\_\_\_  
(Number)  
(Numéro)

\_\_\_\_\_  
(Country)  
(Pays)

\_\_\_\_\_  
(Day/Month/Year Filed)  
(Jour/Mois/Année de dépôt)



Je revendique par le présent acte tout bénéfice, en vertu du Titre 35, § 119(e) du Code des Etats-Unis, de toute demande de brevet provisoire effectuée aux Etats-Unis et figurant ci-dessous.

\_\_\_\_\_  
(Application No.)  
(Nº de demande)

\_\_\_\_\_  
(Filing Date)  
(Date de dépôt)

\_\_\_\_\_  
(Application No.)  
(Nº de demande)

\_\_\_\_\_  
(Filing Date)  
(Date de dépôt)

Je revendique par le présent acte tout bénéfice, en vertu du Titre 35, § 120 du Code des Etats-Unis, de toute demande de brevet effectuée aux Etats-Unis, ou en vertu du Titre 35, § 365(c) du même Code, de toute demande internationale PCT désignant les Etats-Unis et figurant ci-dessous et, dans la mesure où l'objet de chacune des revendications de cette demande de brevet n'est pas divulgué dans la demande antérieure américaine ou internationale PCT, en vertu des dispositions du premier paragraphe du Titre 35, § 112 du Code des Etats-Unis, je reconnais devoir divulguer toute information pertinente à la brevetabilité, comme défini dans le Titre 37, § 1.56 du Code fédéral des réglementations, dont j'ai pu disposer entre la date de dépôt de la demande antérieure et la date de dépôt de la demande nationale ou internationale PCT de la présente demande:

\_\_\_\_\_  
(Application No.)  
(Nº de demande)

\_\_\_\_\_  
(Filing Date)  
(Date de dépôt)

\_\_\_\_\_  
(Status) (patented, pending, abandoned)  
(Statut) (breveté, en cours d'examen, abandonné)

\_\_\_\_\_  
(Application No.)  
(Nº de demande)

\_\_\_\_\_  
(Filing Date)  
(Date de dépôt)

\_\_\_\_\_  
(Status) (patented, pending, abandoned)  
(Statut) (breveté, en cours d'examen, abandonné)

Je déclare par le présent acte que toute déclaration ci-incluse est, à ma connaissance, vérifique et que toute déclaration formulée à partir de renseignements ou de suppositions est tenue pour vérifiable; et de plus, que toutes ces déclarations ont été formulées en sachant que toute fausse déclaration volontaire ou son équivalent est possible d'une amende ou d'une incarcération, ou des deux, en vertu de la Section 1001 du Titre 18 du Code des Etats-Unis, et que de telles déclarations volontairement fausses risquent de compromettre la validité de la demande de brevet ou du brevet délivré à partir de celle-ci.

I hereby claim foreign priority under Title 35, United States Code § 119(a)-(d) or § 365(b) of any foreign application(s) for patent or inventor's certificate, or § 365 (a) of any PCT International application which designated at least one country other than the United States listed below and have also identified below, by checking the box, any foreign application for patent or inventor's certificate, or PCT International application having a filing date before that of the application on which priority is claimed.

Priority Claimed  
Droit de priorité revendiqué

I hereby claim the benefit under Title 35, United States Code, Section 119(e) of any United States provisional application(s) listed below.

I hereby claim the benefit under Title 35, United States Code, § 120 of any United States application(s), or § 365(c) of any PCT International application designating the United States, listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States or PCT International application in the manner provided by the first paragraph of Title 35, United States Code, § 112, I acknowledge the duty to disclose information which is material to patentability as defined in Title 37, Code of Federal Regulations, § 1.56 which became available between the filing date of the prior application and the national or PCT International filing date of this application.

**French Language Declaration**

**POUVOIRS:** En tant que l'inventeur cité, je désigne par la présente l'(les) avocat(s) et/ou agent(s) suivant(s) pour qu'ils poursuive(nt) la procédure de cette demande de brevet et traite(nt) toute affaire s'y rapportant avec l'Office des brevets et des marques: (mentionner le nom et le numéro d'enregistrement).

**POWER OF ATTORNEY:** As a named inventor, I hereby appoint the following attorney(s) and/or agent(s) to prosecute this application and transact all business in the Patent and Trademark Office connected therewith: (*list name and registration number*).

**All associated with PTO Customer No. 22511**

Adresser toute correspondance à:

**All associated with PTO Customer No. 22511**

Send Correspondence to:

Address associated with Customer Number 22511

Address associated with Customer Number 22511

Adresser tout appel téléphonique à:  
(nom et numéro de téléphone)Direct Telephone Calls to:  
(name and telephone number)

Jonathan P. Osha (713-228-8600)

Jonathan P. Osha (713-228-8600)

Nom complet de l'unique ou premier inventeur <b>Ilan Mahalal</b>	Full name of sole or first inventor <b>Ilan Mahalal</b>
Signature de l'inventeur	Date
Domicile <b>Paris, France</b>	Residence <b>Paris, France</b>
Nationalité <b>France</b>	Citizenship <b>France</b>
Adresse postale <b>16, avenue de Bouvines F-75011 Paris FRANCE</b>	Post Office Address <b>16, avenue de Bouvines F-75011 Paris FRANCE</b>

Nom complet du second co-inventeur, le cas échéant	Full name of second joint inventor, if any
Signature du second inventeur	Date
Second inventor's signature	Date
Domicile	Residence
Nationalité	Citizenship
Adresse postale	Post Office Address

(Fournir les mêmes renseignements et la signature de tout co-inventeur supplémentaire.)

(Supply similar information and signature for third and subsequent joint inventors.)